

GDA Reporting Update



National Geospatial Advisory Committee Meeting
October 12, 2021

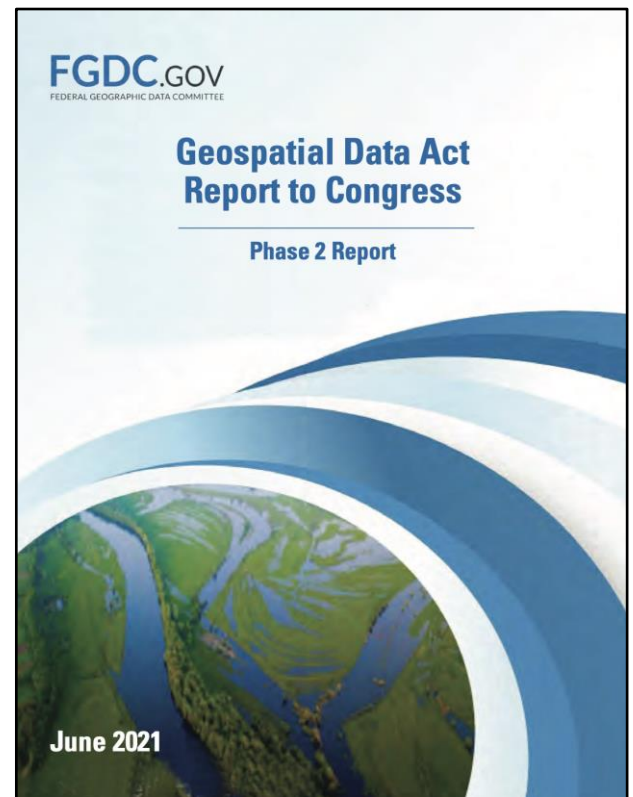
2020 GDA Report to Congress

RTC Phase 1 Report

- High-level summary of GDA implementation activities to date
- Submitted to Congress January 2021

RTC Phase 2 Report

- Contents:
 - FGDC Summary of Covered Agency and NGDA Theme Evaluations
 - NGAC Comments on FGDC Summary
 - FGDC Response to NGAC Comments
- Submitted to Congress July 2021



2020 GDA Summary Report

Includes:

Summary of Covered Agency Evaluations

	GDA 43 U.S.C. § 2808 (a)(1) - (13)															
	Covered Agency															
Requirement	USDA	DOC	ED	DOE	HHS	DHS	HUD	DOI	DOJ	DOL	DOS	DOT	TREAS	VA	GSA	NASA
(1) Covered Agency Geospatial Strategies	M	P	M	M	P	P	P	M	M	P	P	P	P	M	P	P
(2) Support Data Sharing	P	M	M	P	M	P	M	P	M	P	P	P	M	M	M	P
(3) Promote Data Integration	P	M	M	P	M	P	M	M	M	P	M	M	M	P	M	M
(4) Ensure Records Retention Schedule for Geospatial Data	P	M	P	P	M	P	F	P	M	M	M	P	M	P	M	P
(5) Allocate Resources for Geospatial Data Management Responsibilities	P	M	P	P	P	P	P	P	M	P	P	M	M	M	P	M
(6) Use Data Standards	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	M
(7) Support Coordination and Partnerships	P	M	M	P	M	P	M	P	M	P	P	M	M	M	P	P
(8) Promote Application of Geospatial Data Assets	P	M	M	P	P	P	M	P	M	P	P	P	P	M	M	P
(9) Protection of Privacy and Confidentiality	P	M	M	M	M	P	M	P	M	M	P	P	M	M	M	M
(10) Declassified Data	M	M	M	F	M	F	M	M	F	M	F	M	M	M	M	M
(11) Non-Duplication of Data	P	M	M	P	M	P	M	P	P	M	P	P	M	M	M	M
(12) Ensuring High-Quality Data	P	M	M	M	M	P	M	M	M	M	P	M	M	P	M	M
(13) Point of Contact	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M

Key:

M	Meets Expectations
P	Made Progress Towards Expectations
F	Fails to Meet Expectations

16 Covered Agencies reporting on 13 GDA requirements

Summary of Lead Covered Agency NGDA Data Theme Evaluations

Theme & No. of NGDA (169)	GDA 43 U.S.C. § 2805 (b)(3) (A) - (D) Requirements			
	(A) Geospatial Data Standards	(B) Nationwide Population of the Data Theme	(C) Establish Actions That Support the Goals and Objectives in NSDI Strategic Plan	(D) Addressing User Needs
Address (0)	P	P	P	P
Biodiversity and Ecosystems (7)	P	P	P	P
Cadastre (18)	P	P	P	P
Climate and Weather (4)	P	P	P	P
Cultural Resources (2)	P	P	P	F
Elevation (12)	P	P	P	P
Geodetic Control (4)	P	P	P	P
Geology (6)	P	P	P	P
Governmental Units, and Administrative and Statistical Boundaries (37)	P	P	P	P
Imagery (8)	P	P	P	P
International Boundaries (1)	M	P	M	P
Land Use – Land Cover (13)	M	M	P	P
Real Property (14)	P	P	P	P
Soils (5)	P	P	P	P
Transportation (15)	P	P	M	M
Utilities (2)	P	P	P	P
Water – Inland (5)	P	P	P	P
Water – Oceans & Coasts (16)	P	P	P	P

Key:

M Meets Expectations

P Made Progress Towards Expectations

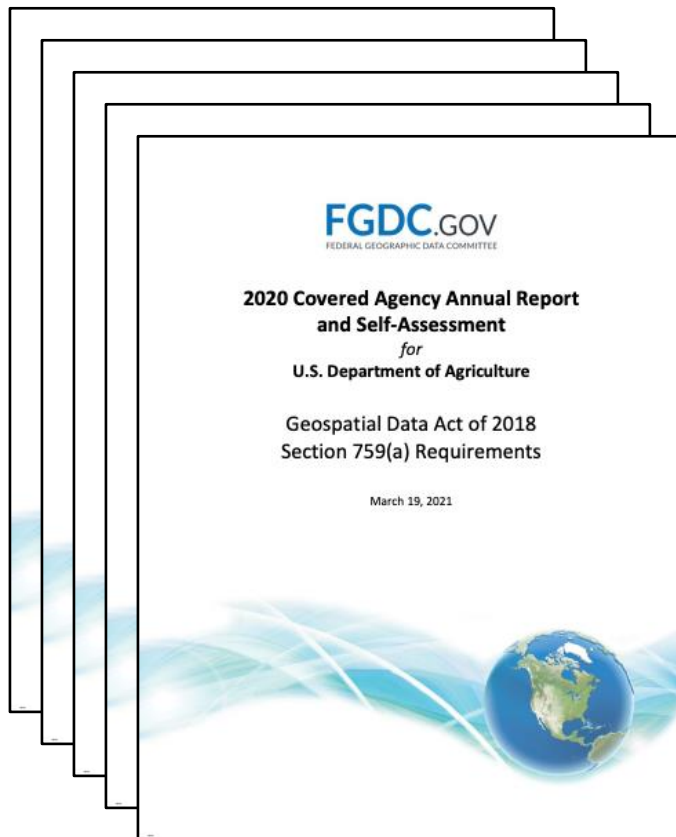
F Fails to Meet Expectations

18 NGDA Data Themes (including 169 underlying datasets) reporting on 4 GDA requirements

2020 GDA Summary Report

Includes links to :

Detailed Covered Agency Evaluations



Detailed Lead Covered Agency NGDA Data Theme Evaluations



2020 GDA Summary Report

Includes links to Covered Agency & Lead Covered Agency Dashboards:

FGDC.gov

FY-2020 - Lead Covered Agency (LCA) Reporting for Geospatial Data Act of 2018 (GDA) Section 756(b)(3)

Select

Address

Cadastre

Cultural

Geodetic

Governance

Imagery

Land Use

Soils

Water

FGDC.gov

FY-2020 - Covered Agency (CA) Reporting for Geospatial Data Act of 2018 (GDA) Section 759(a)

Select an Agency:

Department of Agriculture

Department of Commerce

Department of Education

Department of Energy

Department of Health and Human Services

Department of Homeland Security

Department of Housing and Urban Development

Department of Justice

Department of Labor

Department of State

Department of the Interior

Department of Transportation

Department of Treasury

Department of Veterans Affairs

General Services Administration

National Aeronautics and Space Administration

Select a Topic:

759(a)(1) Covered Agency Geospatial Strategies

759(a)(2) Support Data Sharing

759(a)(3) Promote Data Integration

759(a)(4) Ensure Records Retention Schedule for Geospatial Data

759(a)(5) Allocate Resources for Geospatial Data Management Responsibilities

759(a)(6) Use Data Standards

759(a)(7) Support Coordination and Partnerships

759(a)(8) Promote Application of Geospatial Data Assets

759(a)(9) Protection of Privacy and Confidentiality

759(a)(10) Declassified Data

Agency Self-Assessment Response for:

Department of Agriculture

759(a)(1) Covered Agency Geospatial Strategies

GDA Requirements:	Prepare, maintain, publish, and implement a strategy for advancing geographic information and related geospatial data and activities appropriate to the mission of the covered agency, in support of the strategic plan for the National Spatial Data Infrastructure
Agency Self-Assessment:	Meets Expectations
Brief Summary:	The US Department of Agriculture (USDA) prepared a strategic plan to advance geographic information and related geospatial data and activities in support of the National Spatial Data Infrastructure. USDA reported on achievements and how it is complying with requirements of the GDA. To facilitate those tasks, USDA developed a geospatial assessment survey and distributed it to agencies that currently use geospatial data, tools, and applications to produce a USDA geospatial baseline. That information was used to inform the USDA Geospatial Strategic Plan and its associated follow-on activities, and to support additional GDA requirements and tasks.

Self-Assessment Questions:

1.1 Has your agency reviewed the draft NSDI strategic plan?

• Yes

1.2 Has your agency developed a plan and timeline to complete development of the Covered Agency Geospatial Strategy appropriate to the agency's mission as required by GDA Sec.759(a)(1)?

• Yes

1.3 Is your agency on schedule to finalize, approve and publish the Covered Agency Geospatial Strategy by February 26, 2021?

• Yes

1.4 Has your agency completed and implemented your plan?

Key to Self-Assessment:

759(a)(1) Covered Agency Geospatial Strategies

Meets expectations = Yes to Question 1.4

Made progress towards expectations = Yes to Questions 1.1, 1.2, or 1.3

Full implementation = Yes to Questions 1.1, 1.2, 1.3, and 1.4

FY2020 CA Report (PDF) Links:

[Department of Agriculture GDA Annual Report](#)

2020 GDA Report - NGAC Comments

Focus areas for NGAC comments on 2020 GDA Report Summary:

1. **Positive elements**

- What was successful in the initial GDA report summary?

2. **Areas needing improvement**

- What areas need improvement?

3. **Recommendations for future reports**

- What can FGDC do to improve future versions of the GDA annual report summaries?

FY 2021 GDA Reporting Approach

- Build upon 2020 reporting approach:
 - Utilize common reporting templates
 - Submit reports through survey tools via GeoPlatform
 - Make report results available through multiple formats
 - Individual reports
 - Summary tables
 - Dashboards
- Coordinate with Inspector General offices on 2022 audits of agency GDA reports

FY 2021 GDA Reporting Approach

- **Covered Agency Reports:**
 - Minor changes to questionnaire
 - Agencies to provide additional detail in narrative sections
- **NGDA (Lead Covered Agency) Reports:**
 - Changes include:
 - Migration to survey approach to gather information on ongoing activities that support NGDA datasets
 - Highlight FGDC efforts to analyze requirements and develop common approach and strategies for:
 - Standards management
 - “Nationwide population of data”

Draft Timeline

DRAFT- 2021 Lead Covered Agency Annual Report Timeline			Draft Timeline		
Deliverable	Activity	Actions	Timeframe	Start Date (Monday)	Due Date (Friday)
LCA Template and Survey Development	NGDA Theme WG Develop and Approve Draft FY2021 Template and Generate Survey	The LCA WG develop the survey questions and responses for the requirements in USC Section 43 Chapter 46 Section 2805 (b)(3) subparagraphs A, B, C and D (reflected in A, B, C, D tables)	12 weeks	12-Jul	7-Oct
		Portfolio team develop Survey 123 content; Establish Accounts for Theme Lead and Agency POCs	4.5 weeks	13-Oct	12-Nov
	SC Approval of Draft FY2021 Template	Approval of Word template by Steering Committee (in parallel with survey development)	1.5 weeks	13-Oct	22-Oct
	Survey Testing & Training	Agency testing and training for Survey123.	2 weeks	15-Nov	30-Nov
Final Draft Agency Reports	Theme Leads Prepare Content & Generate Final Draft LCA Reports using Survey123	Distribute spreadsheet with Survey123 Questions and response options for agency use in survey preparation.	4.5 weeks	1-Nov	30-Nov
		Theme Leads populate LCA report survey and receive auto generated draft report for use in agency review. Theme Leads can make changes and obtain updated drafts through survey close date. Report content is final at survey close (Dec 31).	4.5 weeks	1-Dec	31-Dec
	FGDC OS Generates Final Draft LCA Report	FGDC OS finalizes LCA Report based on final draft from survey output.	3 weeks	3-Jan	21-Jan
LCA Final Report	FGDC OS Generates Summary Report and Dashboards	FGDC OS generates 1) summary report of LCA Draft Reports, and 2) dashboards for NGAC review	3 weeks	24-Jan	11-Feb
GDA Summary Reports	NGAC / FGDC Review and Comment Process	FGDC OS: Distribute Summary Report to NGAC. NGAC: Comments due from NGAC	4 weeks	14-Feb	11-Mar
		FGDC (if requested) and Agencies Respond to NGAC Comments	3 weeks	14-Mar	1-Apr
	Publish Final Summary Reports	FGDC OS publishes final summary report on FGDC.gov	1 week	4-Apr	8-Apr

GDA Reporting Subcommittee

2019/2020 Membership:

- Doug Adams (Chair), Chad Baker, Tony LaVoi, Cy Smith, Tim Trainor

*** Need to update membership for 2021 reporting cycle**

Role:

- Work with FGDC staff & NGAC leadership to plan and coordinate NGAC's submission of comments as part of the GDA reporting process
- Identify areas of focus for NGAC review and assess the utility of the reports
- Collect/synthesize NGAC's comments on the GDA reports
- Document and communicate lessons learned and recommendations for improving the process for future reports.